

## February 2010 Weather in Review

The active and progressive southern stream westerlies increased the pace of weather changes from day to day in February 2010 from the impacts of Pacific Cold Fronts, Arctic Cold Fronts, Dry and Warm Air masses coming from the West, and return periods of Gulf moisture. The consistent trend of cooler and wetter conditions than usual in the Winter of 2009/2010 continued and made February 2010 one of the cooler and wetter Februarys of record. February 2010 was the 7th coolest and 7th wettest February at San Antonio since 1885 for temperature and since 1871 for rain; the 9th coolest and 17th wettest at Del Rio since December of 1905; the 9th coolest and 39th wettest February at Austin Mabry since 1854 for temperature and since 1856 for rain; and a tie for the coolest February at Austin Bergstrom with February 1978, since 1943. Early in the month, widespread rains came on February 3rd and the rain continued February 4th. Del Rio had a record daily rainfall of 1.16 inches of rain the 3rd, while at San Antonio 2.11 inches was observed, close to the daily record of 2.44 inches at San Antonio on February 3, 1986. Widespread rain returned again February 10th and 11th. There were reports of sleet on February 10th and again February 11th. A brief period of showers formed along a fast moving cold front on the afternoon of Sunday the 14th. Windy and colder conditions followed in the late afternoon through the evening, when winds gusted to near 40 to 50 mph in wake of the fast moving cold front. Dry weather followed the 15th to the 18th, with cold nights to mild afternoons. Increasing clouds came the 19th and 20th, followed by sunny and warm conditions on Sunday the 21st, as warm and dry conditions came across the region from the west, typical of warm winter days across South Central Texas. Sunday the 21st was the warmest day of February 2010. It turned colder the 22nd and 23rd, with a winter precipitation event on Tuesday the 23rd. The February 23rd winter precipitation event brought the most snowfall and sleet for the winter of 2009/2010. A mix of rain, sleet and snow was observed over the Hill Country to adjacent parts of Central and South Central Texas on the 23rd. Sunny days on the 24th and 25th was followed by windy conditions again on Friday the 26th, as a cold front swept across the region. On the last weekend of the month, dry weather the 27th to the early afternoon of the 28th changed in the mid to late afternoon of Sunday the 28th, as low clouds increased rapidly. This was followed by occasional rain and showers on Sunday evening.

February ends the Meteorological period of winter months that spans from December to February. December 2009 to February was a tie for the 4th coolest December to February at Del Rio since 1905; the 7th coolest December to February at San Antonio since 1885; and a tie for the 8th coolest December to February at Austin Mabry since 1856. The rainfall from December 2009 to February 2010 was much wetter than usual, as December 2009 to February 2010 was the 8th wettest such period at Del Rio since 1905; the 8th wettest at San Antonio since 1871, and a tie with December 1945 to February 1946 for the 40th wettest at December to February at Austin Mabry since 1856. The cooler than usual weather in the winter of 2009/2010 was consistent, with brief warming trends. The active southern stream westerlies caused rapid day to day changes in the weather, and the wetter and cooler conditions than usual helped to increase the frequency of fog events.

The period from the Fall of 2009 through the Winter of 2009/2010 was one of the wetter Fall to Winter periods of record. September 2009 to February 2010 was the 2nd wettest September to February at San Antonio, with 31.09 inches of rain; the 12th wettest September to February at Austin Mabry with 25.52 inches of rain; and the 31st wettest September to February at Del Rio with 9.81 inches of rain.

## February 2010 Summary

Location	Average Temperature	Average High	Average Low	Warmest/Coollest	Rainfall
Austin Mabry	47.3 -7.3	56.5	38.1	76 on 21st 30 on 16th and 17th	3.08 +1.09
Austin Bergstrom	45.9 -9.6	56.8	35.1	77 on 21st 22 on 17th	2.81 +0.79
Burnet	44.0 -6.4	53.1	35.0	71 on 21st 26 on 16th	2.92 +0.76
Del Rio	51.6 -4.5	62.0	41.1	76 on 21st 26 on 16th	1.54 +0.59
Hondo	49.4 -5.5	61.4	37.4	80 on 21st 24 on 16th and 24th	3.26 +1.81
New Braunfels	47.9 -4.9	58.1	37.8	80 on 21st 28 on 17th and 25th	4.34 +2.36
San Antonio International Airport	49.4 -5.3	59.2	39.5	79 on 21st 29 on 16th and 24th	4.38 +2.63
San Antonio Stinson	50.2	60.2	40.1	79 on 21st 28 on 16th	3.63

**[Click Here to See More Details on February 2010 weather.](#)**

The latest outlook from the Climate Prediction Center for March 2010 calls for a 40 to 50 percent chance of cooler than usual temperatures; a 33.3 percent chance of normal temperatures; and a 16.7 to 26.7 percent chance of warmer than normal conditions. The outlook for rainfall calls for around a 40 percent chance of wetter than usual; a 33.3 percent chance of normal rainfall; and around a 26.7 percent chance of rainfall being less than normal. **[Click Here to See the Latest One Month and Three Month Outlooks from the Climate Prediction Center.](#)**

The table below lists information on Climate Normals for the month of March for Austin, Del Rio and San Antonio.

### March Climate Information

Location	Normal Monthly Temp.	Normal High	Normal Low	All time High	All time Low	Normal Rainfall	All Time Driest	All Time Wettest
Austin/Mabry	60.7	72.5	50.9	98	18	2.14	0	7.23
Austin/Bergstrom	62.6	73.5	51.7	98	17	2.36	0.05	6.52
Del Rio	63.8	76.0	51.6	103	19	0.96	Trace	3.48
San Antonio	61.8	74.3	49.9	100	19	1.89	Trace	6.12